

10. Disaster Management

- The widespread scarcity of foodgrains and water due to several factors causing loss of life is known as **famine**.
- Causes
 - Crop failure due to drought
 - Various natural calamities like earthquake, the tsunami also causes famines.
 - Plant diseases and insects plagues
 - Wastage of water and food.
- Mitigation
 - Planned usage of water and its reuse.
 - We should avoid wastage of food and water.
 - Plant more and more trees to prevent soil erosion.
- **Flood**: It is the overflowing of the river due to excessive rains onto a normally dry land.
- **Cloudburst**: It is a sudden heavy rainfall over a short period of time on a limited area and leads to huge destruction.
- **Storms**: It is a strong disturbance in the environment resulting in strong winds or storms.
- **Forest fire**: An unmanageable fire in the forest either due to man-made or natural causes.
- **Tsunami** is a series of high waves set off by an underwater earthquake or volcano and causes huge damage to the coastal areas.
- A **volcano** is a natural phenomenon. This causes due to movement of hot substances from the interior of the Earth towards the surface of the earth.
- **Lightning** is a sudden flow of a huge amount of electric charges within a cloud, between two clouds or between cloud and ground this happens during thunderstorms.